



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/927,498	08/13/2001	Takashi Ishikawa	01USFP619	5318

466 7590 08/14/2003

YOUNG & THOMPSON  
745 SOUTH 23RD STREET 2ND FLOOR  
ARLINGTON, VA 22202

EXAMINER

PATEL, ISHWARBHAI B

ART UNIT	PAPER NUMBER
----------	--------------

2827

DATE MAILED: 08/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED  
AUG 20 2003  
TECHNOLOGY CENTER 2800

**Office Action Summary**

Application No.

09/927,498

Applicant(s)

ISHIKAWA ET AL.

Examiner

Ishwar (I. B.) Patel

Art Unit

2827

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 April 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 16-21 is/are rejected.
- 7) ☒ Claim(s) 6-15 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All   b) ☐ Some \*   c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_                      6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Drawings***

1. The drawings are objected to because the figures are improperly crosshatched. All of the parts shown in section, and only those parts, must be crosshatched. The cross hatching patterns should be selected from those shown on page 600-114/115 of the MPEP based on the material of the part. See also 37 CFR 1.84(h)(3) and MPEP 608.02.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Japanese Laid open Utility Model Application (JU-A-Heisei 1-161597), hereafter, JP597, admitted by the applicant.

Regarding claim 1, applicant's admitted prior art JP597 discloses all the features of the claimed invention as described on page 1 and 2 of the specification, including a transparent substrate, a light emitting section, a sealing cap, a flexible printed circuit board and a semiconductor device, see figure 2.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2 and 3 rejected under 35 U.S.C. 103(a) as being unpatentable over JP597 as applied to claim 1 above.

Regarding claim 2 and 3, the applicant is claiming the said flexible circuit with wiring pattern on both the sides of the circuit board with semiconductor device mounted on the side of the sealing cap.

Though, JP579 does not disclose such flexible circuit board, the flexible circuit boards with the wiring pattern on both the sides are well known in the art and the semiconductor device can be mounted on any side of the circuit board depending upon the system requirement.

A person of ordinary skill in the art will use the known circuit board depending upon the system requirement in order to have the desired flexibility of locating the semiconductor devices in the system.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the structure of JP597 with the flexible circuit board as claimed in claims 2 and 3, in order to have the desired flexibility of locating the semiconductor device in the system.

***Claim Rejections - 35 USC § 103***

6. Claims 1-5 and 16-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Terao et al., US Patent No. 6,342,932, hereafter, Terao, in view of Ebisawa et al., US Patent No. 6,284,342, hereafter, Ebisawa, and Park, US Patent No. 6,561,666

Regarding claim 1, Terao discloses a flat panel display module comprising:

a flexible printed circuit board connected to said wiring line terminal section and extending along said sealing cap of said transparent substrate (flexible circuit 12); and

a semiconductor device mounted on said flexible printed circuit board for said light emitting section (control LSI mounted on flexible circuit but not shown, column 4, line 65-67), but

Art Unit: 2827

fails to explicitly disclose a transparent substrate, a light emitting section in a display region of said transparent substrate and a sealing cap.

Though, Terao discloses all the features as a unit, (liquid crystal display unit 11). Further, the detail as the transparent substrate, light emitting section and the sealing cap, are known in the art for the desired functionality of the display device.

Ebisawa discloses a structure with transparent substrate 1, electroluminescent section 4 and sealing plate 3, see Ebisawa, figure 1, column 3, line 60 to column 4 line 15, and

Park discloses electroluminescent light emitting layer with a flexible circuit board 30, see Park, figure 2, column 2, line 50-67.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the structure of Terao with the detail of substrate, light emitting section and the sealing cap, as taught by Ebisawa and Park, in order to have the desired functionality of the display device.

Regarding claim 2, the applicant is claiming said semiconductor device is mounted on a side of said flexible printed circuit board of said sealing cap. Though, Terao does not explicitly disclose the semiconductor device mounted on the sealing cap side, it can be provided on any of the side of the flexible substrate depending upon the requirement.

Park discloses the circuit component such as integrated circuit 33 on both the side of the flexible circuit board.

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the structure of Terao with semiconductor device mounted on a side of said flexible printed circuit board of said sealing cap, depending upon the system requirement to have the desired functionality.

Regarding claim 3, the combination of Terao, Ebisawa and Park discloses the wiring pattern on both the sides, see Park, metal layer 31, figure 2.

Regarding claim 4, the combination of Terao, Ebisawa and Park further discloses the said flexible printed circuit board provided to extend along said transparent substrate and said sealing cap without being turned back, see Park, circuit board 30, figure 2.

Regarding claims 16 and 17, the combination of Terao, Ebisawa and Park further discloses a frame along said transparent substrate, including supporting the flexible printed circuit board, (holding member 10, see Terao, figure 3).

Regarding claims 18 and 19, the combination of Terao, Ebisawa and Park discloses wiring line terminal section formed on both sides of said surface of said opposite end of said transparent substrate, and said flexible printed circuit board is connected with said both of said wiring line terminal section, see Park, figure 2.

Regarding claims 20 and 21, the combination of Terao, Ebisawa and Park discloses all the features of the claimed invention including the light emitting section is an organic EL film and a desiccant section, see Ebisawa, figure 1, organic EL structure 4 and desiccant 6, column 4, line 1-15.

***Allowable Subject Matter***

7. Claims 5-15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. The following is a statement of reasons for the indication of allowable subject matter: The flexible circuit board in flat panel display device parallel to the transparent substrate without bend is disclosed by Park, and flexible circuit board parallel to transparent substrate but turned back is disclosed by Terao. However, the flexible circuit board not turned back and bent at least twice between said wiring line terminal section and said display region such that said flexible printed circuit board is approximately parallel to said transparent substrate in display region as described and enabled by the disclosure and as shown in figures 3 and 4, has not been taught or suggested by prior art alone or in combination.



**Conclusion**

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yamashita et al., discloses a thin film electroluminescent panel including a transparent substrate and with moisture absorbent powder.

Young discloses organic electroluminescent device.

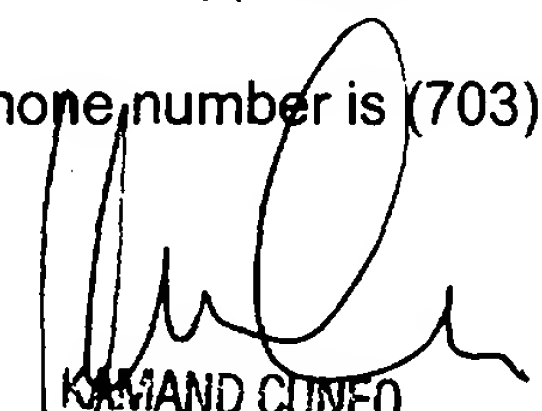
Yasukawa et al., discloses an organic electroluminescent device.

Hashimoto discloses a flat panel display device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ishwar (I. B.) Patel whose telephone number is (703) 305 2617. The examiner can normally be reached on M-F (8:30 - 5).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L Talbott can be reached on (703) 305 9883. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305 3431 for regular communications and (703) 305 7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308 0956.

  
KEVAND CONEO  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800

ibp  
August 10, 2003

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK

OFFICE

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.  
01USFP619

SERIAL NO.

APPLICANT  
Takashi ISHIKAWA, Yuji KONDO, Akihiro  
YANO

FILING DATE  
August 13, 2001

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OF- FICE	CLASS	SUB CLASS	TRANSLATION YES NO
IBP	AJ	JP 1-161597	11/89	Japan			no
	AK	JP 2-227989	09/90	Japan			no
	AL	JP 6-230728	08/94	Japan			no
	AM	JP 2612968	02/97	Japan			no
✓	AN	JP 2000-3140	01/00	Japan			no

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

	AO	
EXAMINER	ISHWAR B. PATEL	
DATE CONSIDERED	8/2/03.	

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

<b>Notice of References Cited</b>	Application/Control No. 09/927,498	Applicant(s)/Patent Under Reexamination ISHIKAWA ET AL.	
	Examiner Ishwar (I. B.) Patel	Art Unit 2827	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,342,932	01-2002	Terao et al.	349/58
	B	US-6,284,342	09-2001	Ebisawa et al.	428/69
	C	US-6,561,666	05-2003	Park, Eui Yeul	362/84
	D	US-5,189,405	02-1993	Yamashita et al.	313/512
	E	US-6,489,719	12-2002	Young et al.	313/512
	F	US-6,268,071	07-2001	Yasukawa et al.	428/690
	G	US-6,417,897	07-2002	Hashimoto, Takeshi	349/65
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Amendments filed on or after the effective date of this rule must comply with revised 37 CFR 1.121. See final Rule Changes To Implement Electronic Maintenance in Official Patent Application Records (68 Fed. Reg. 38611 (June 30, 2003)), posted on the Office's website at <http://www.uspto.gov/web/patents/ifw/> with related information. The amendment practice set forth in revised 37 CFR 1.121, and described below, replaces the voluntary revised amendment format available to applicants since February 2003. **NOTE: STRICT COMPLIANCE WITH THE REVISED 37 CFR 1.121 IS REQUIRED AS OF THE EFFECTIVE DATE (July 30, 2003).** The Office will notify applicants of amendments that are not accepted because they do not comply with revised 37 CFR 1.121 via a Notice of Non-Compliant Amendment. See MPEP 714.03 (Rev. 1, Feb. 2003). The non-compliant section(s) will have to be corrected and the entire corrected section(s) resubmitted within a set period.

***Bold underlined italic font has been used below to highlight the major differences between the revised 37 CFR 1.121 and the voluntary revised amendment format that applicants could use since February, 2003.***

Note: The amendment practice for reissues and reexamination proceedings, except for drawings, has not changed.

### **REVISED AMENDMENT PRACTICE**

#### **I. Begin each section of an amendment document on a separate sheet:**

Each section of an amendment document (e.g., Specification Amendments, Claim Amendments, Drawing Amendments, and Remarks) must begin on a separate sheet. Starting each separate section on a new page will facilitate the process of separately indexing and scanning each section of an amendment document for placement in an image file wrapper.

#### **II. Two versions of amended part(s) no longer required:**

37 CFR 1.121 has been revised to **no longer require two versions (a clean version and a marked up version) of each replacement paragraph or section, or amended claim.** Note, however, the requirements for a clean version and a marked up version for **substitute specifications** under 37 CFR 1.125 have been retained.

##### **A) Amendments to the claims:**

Each amendment document that includes a change to an existing claim, cancellation of a claim or submission of a new claim, **must include a complete listing** of all claims in the application. After each claim number in the listing, the status must be indicated in a parenthetical expression, and **the text of each pending claim** (with markings to show **current changes**) must be presented. The claims in the listing will replace all prior claims in the application.

- (1) The current status of all of the claims in the application, including any previously canceled, not entered or withdrawn claims, must be given in a parenthetical expression following the claim number using only one of the following seven status identifiers: (original), (currently amended), (canceled), (withdrawn), (new), **(previously presented) and (not entered)**. The text of all pending claims, **including withdrawn claims**, must be submitted each time any claim is amended. Canceled **and not entered** claims must be indicated by only the claim number and status, without presenting the text of the claims.
- (2) The text of all claims **being currently amended** must be presented in the claim listing with markings to indicate the changes that have been made relative to the immediate prior version. The changes in any amended claim must be shown by underlining (for added matter) or strikethrough (for deleted matter) with 2 exceptions: (1) **for deletion of five characters or fewer, double brackets may be used (e.g., [[eroor]]); and (2) if strikethrough cannot be easily perceived (e.g., deletion of the number "4" or certain punctuation marks), double brackets must be used (e.g., [[4]]).** **As an alternative to using double brackets, however, extra portions of text may be included before and after text being deleted, all in strikethrough, followed by including and underlining the extra text with the desired change (e.g., ~~number 4~~ as number 14 as).** An accompanying clean version is not required and should not be presented. Only claims of the status "currently amended," and "withdrawn" that are being amended, may include markings.
- (3) The text of pending claims **not being currently amended, including withdrawn claims**, must be presented in the claim listing in clean version, i.e., without any markings. Any claim text presented in clean version will constitute an assertion that it has not been changed relative to the immediate prior version except to omit markings that may have been present in the immediate prior version of the claims.

- (4) A claim being canceled must be listed in the claim listing with the status identifier "canceled"; the text of the claim must not be presented. Providing an instruction to cancel is optional.
- (5) Any claims added by amendment must be presented in the claim listing with the status identifier "(new)"; the text of the claim must not be underlined.
- (6) All of the claims in the claim listing must be presented in ascending numerical order. Consecutive canceled, or not entered, claims may be aggregated into one statement (e.g., Claims 1 – 5 (canceled)).

**Example of listing of claims (use of the word "claim" before the claim number is optional):**

Claims 1-5 (canceled)

Claim 6 (previously presented): A bucket with a handle.

Claim 7 (withdrawn): A handle comprising an elongated wire.

Claim 8 (withdrawn): The handle of claim 7 further comprising a plastic grip.

Claim 9 (currently amended): A bucket with a ~~green~~ blue handle.

Claim 10 (original): The bucket of claim 9 wherein ~~the~~ handle is made of wood.

Claim 11 (canceled)

Claim 12 (not entered)

Claim 13 (new): A bucket with plastic sides and bottom.

**B) Amendments to the specification:**

Amendments to the specification, including the abstract, must be made by presenting a replacement paragraph or section or abstract marked up to show changes made relative to the immediate prior version. An accompanying clean version is not required and should not be presented. Newly added paragraphs or sections, including a new abstract (instead of a replacement abstract), must not be underlined. A replacement or new abstract must be submitted on a separate sheet, 37 CFR 1.72. If a substitute specification is being submitted to incorporate extensive amendments, both a clean version (which will be entered) and a marked up version must be submitted as per 37 CFR 1.125.

The changes in any replacement paragraph or section, or substitute specification must be shown by underlining (for added matter) or strikethrough (for deleted matter) with 2 exceptions: (1) for deletion of five characters or fewer, double brackets may be used (e.g., [[eroor]]); and (2) if strikethrough cannot be easily perceived (e.g., deletion of the number "4" or certain punctuation marks), double brackets must be used (e.g., [[4]]). As an alternative to using double brackets, however, extra portions of text may be included before and after text being deleted, all in strikethrough, followed by including and underlining the extra text with the desired change (e.g., number 4 as number 14 as)

**C) Amendments to drawing figures:**

Drawing changes must be made by presenting replacement figures which incorporate the desired changes and which comply with 37 CFR 1.84. An explanation of the changes made must be presented either in the drawing amendments, or remarks, section of the amendment, and may be accompanied by a marked-up copy of one or more of the figures being amended, with annotations. Any replacement drawing sheet must be identified in the top margin as "Replacement Sheet" and include all of the figures appearing on the immediate prior version of the sheet, even though only one figure may be amended. Any marked-up (annotated) copy showing changes must be labeled "Annotated Marked-up Drawings" and accompany the replacement sheet in the amendment (e.g., as an appendix). The figure or figure number of the amended drawing(s) must not be labeled as "amended." If the changes to the drawing figure(s) are not accepted by the examiner, applicant will be notified of any required corrective action in the next Office action. No further drawing submission will be required, unless applicant is notified.

Questions regarding the submission of amendments pursuant to the revised practice set forth in this flyer should be directed to: Elizabeth Dougherty or Gena Jones, Legal Advisors, or Joe Narcavage, Senior Special Projects Examiner, Office of Patent Legal Administration, by e-mail to [patentpractice@uspto.gov](mailto:patentpractice@uspto.gov) or by phone at (703) 305-1616.



# The United States Patent and Trademark Office has changed certain mailing addresses!

Effective May 1, 2003

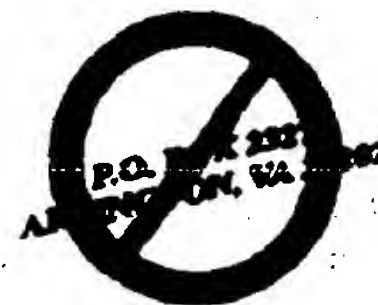
Use the address provided in this flyer after May 1, 2003 for any correspondence with the United States Patent and Trademark Office (USPTO) in patent-related matters to organizations reporting to the Commissioner for Patents.

**DO NOT USE** the Washington DC 20231 and P.O. Box 2327 Arlington, VA 22202 addresses after May 1, 2003 for any correspondence with the USPTO even if these old addresses are indicated in the accompanying Office action or Notice or in any other action, notice, material, form, instruction or other information.

Correspondence in patent-related matters to organizations reporting to the Commissioner for Patents must now be addressed to:



**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**



## Special Mail Stop designations to replace Special Box designations

Also effective May 1, 2003, the USPTO is changing the special Box designations for Patents and Trademarks to corresponding Mail Stop designations (e.g., "Box 4" will now be "Mail Stop 4").

For further information, see *Correspondence with the United States Patent and Trademark Office*, 68 Fed. Reg. 14332 (March 25, 2003). A copy of the *Federal Register* notice is available on the USPTO's web site at <http://www.uspto.gov/web/menu/current.html#register>

A listing of specific USPTO mailing addresses (See Patents – specific) will be available on the USPTO's web site on April 15, 2003 at <http://www.uspto.gov/main/contacts.htm>

Persons filing correspondence with the Office should check the rules of practice, the Official Gazette, or the Office's Internet Web site ([www.uspto.gov](http://www.uspto.gov)) to determine the appropriate address and Mail Stop Designation (if applicable) for all correspondence being delivered to the USPTO via the United States Postal Service (USPS).

Questions regarding the content of this flyer should be directed to the Inventor Assistance Center at (703) 308-4357 or toll-free at 1-800-786-9199.

**NOTIFICATION OF REQUESTED NEW FORMAT FOR AMENDMENTS AND/OR RESPONSES FILED  
IN ART UNITS 1634, 2827, AND 2834**

The United States Patent and Trademark Office (USPTO) is currently conducting a prototype of electronic application processing and examination in Art Units 1634, 2827, and 2834. To facilitate the prototype, the following changes in format for Amendments and or Responses filed in those Art Units are requested.

**Requested Format of Amendments and Responses during the prototype.**

Each section of an Amendment and/or Response (e.g., Claim Amendments, Specification Amendments, Remarks) should begin on a separate sheet to facilitate separate indexing and scanning of the document. *For example*, in an Amendment containing a.) introductory comments, b.) amendments to the claims, c.) amendments to the specification, and d.) remarks, each of these sections should begin on a separate sheet. **For each amendment filed in Art Units 1634, 2827, and 2834, the requirement to provide two sets of claims (a clean version and a marked up version), as set forth in 37 CFR 1.121(c), will be waived where the following format is employed.**

Each amendment that includes a change to an existing claim, or submission of a new claim shall be made by submitting a summary document with the status of all claims and the text of all pending claims as follows:

- (1) The status of all of the claims in the application, including any previously canceled or withdrawn claims, must be summarized in each amendment document. Status is indicated by a parenthetical expression following the claim number (e.g. (original), (currently amended), (previously amended), (canceled), (withdrawn), or (new)). The text of all pending claims must be submitted each time any claim is amended. Canceled and withdrawn claims may be indicated by only the claim number and status.
- (2) All claims being currently amended must be submitted with markings to indicate the changes that have been made. The changes in any amended claim may be shown by *strikethrough* (for deleted matter) or *underlining* (for added matter), or by any equivalent marking system.
- (3) The text of pending claims not being amended must be presented in each amendment document in clean version, i.e., without any markings. Any claim presented in clean version will constitute an assertion that it has not been changed relative to the immediate prior version.
- (4) A claim may be canceled by merely providing an instruction to cancel. Any claims added by amendment must be indicated as (new).
- (5) All of the claims in each amendment paper must be presented in ascending numerical order. Consecutive canceled or withdrawn claims may be aggregated into one statement (e.g. Claims 1 – 5 (canceled)).

Amendments to the specification are performed in the conventional manner (37 CFR 1.121(b)).

**Patent Copies**

Additionally, applicants and practitioners will no longer be required to provide copies of U.S. Patents and Published U.S. Patent Applications cited in any Information Disclosure Statement (IDS) submitted to the USPTO during the prototype and in applications assigned to the three art units. It is requested that eIDSs be used to file all IDS papers for applications before the prototype Art Units. Similarly, during the prototype, copies of U.S. Patents and Published U.S. Patent Applications cited by an examiner during prosecution of an application will not be provided to applicants in Office actions from these Art Units. These documents are available from the USPTO web site, [www.uspto.gov](http://www.uspto.gov) for free download. Cited foreign patents and published applications and non-patent literature will be mailed by conventional processing.

The above requested new format and procedures are applicable during the prototype only to applications assigned to Art Units 1634, 2827, and 2834. Any questions regarding these requirements may be directed to [image\\_processing@uspto.gov](mailto:image_processing@uspto.gov) or one of the Supervisory Patent Examiners of these Art Units 1634 – [Gary Jones@uspto.gov](mailto:Gary.Jones@uspto.gov), 2827 – [Dave Falbott@uspto.gov](mailto:Dave.Falbott@uspto.gov) or 2834 – [Nestor Ramirez@uspto.gov](mailto:Nestor.Ramirez@uspto.gov)

Claims 1-5 (canceled) (Note: consecutive canceled or withdrawn claims may be aggregated)

Claim 6 (withdrawn)

Claim 7 (previously amended): A bucket with a handle.

Claim 8 (currently amended): A bucket with a ~~green~~ blue handle.

Claim 9 (withdrawn)

Claim 10 (original): A bucket with a wooden handle.

Claim 11: (new): A bucket with plastic sides and bottom.



Organization U.S. DEPT. OF COMMERCE Div. Patent

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
WASHINGTON, DC 20231  
IF UNDELIVERABLE RETURN IN TEN DAYS

OFFICIAL BUSINESS

U.S. OFFICIAL MAIL  
PENALTY  
FOR  
PRIVATE  
USE \$300  
PS  
METER  
7249720  
U.S. POSTAGE  
3853

WASHINGTON  
AUG 14 1973  
PS

JOHN G. & SON  
2300 SOUTH STREET  
ANNAPOLIS, MD 21403